



## Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

### DATA SHEET

#### Three-phase induction motor - Squirrel cage rotor

Customer :  
Product line : Three-Phase: W22 IE3 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 280S/M  
Output : 60 HP  
Frequency : 60 Hz  
Poles : 6  
Full load speed : 1190 rpm  
Slip : 0.83 %  
Voltage : 460 V  
Rated current : 74.7 A  
Locked rotor current : 538 A  
Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.2  
No-load current : 35.9 A  
Full load torque : 261 lb.ft  
Locked rotor torque : 260 %  
Breakdown torque : 340 %  
Design : ---  
Insulation class : F  
Temperature rise : 80 K  
Locked rotor time : 48 s (hot)  
Service factor : 1.25  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m  
Degree of Protection : IP55  
Approximate weight : 1495 lb  
Moment of inertia : 66.474 sq.ft.lb  
Noise level : 69 dB(A)

	D.E.	N.D.E.
Bearings	6316 C3	6316 C3
Regreasing interval	16000 h	16000 h
Grease amount	34 g	34 g

Load	Power factor	Efficiency (%)
100%	0.80	94.5
75%	0.74	94.5
50%	0.62	93.0

#### Notes:

Downloaded from <http://dealerselectric.com>  
Generated for Model #04512ET3Y280S/M-W22

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